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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=19; hr=14; min=14; sec=45; ms=210;]

=====

Reviewer Comments:

<210> 53

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 53

ugccaucacu gaaucagac

19

Please remove the blank line between the <212> and the <213> lines above.

<210> 691

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> 5'-3 attached terminal deoxyabasic moiety

<220>

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<221> misc_feature
<222> (20)..(21)
<223> n stands for any nucleotide

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety
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<400> 691
nnnnnnnnnn nnnnnnnnnn n
21
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Please explain the n's at locations 1 through 19 above. Same error in Sequence 692.

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<210> 693
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(19)
<223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro and any purine nucleotide present is 2'-O-Methyl

<220>
<221> misc_feature
<222> (20)..(21)
<223> n stands for any nucleotide

<220>
<221> misc_feature
<222> (20)..(21)
<223> Phosphorothioate 3'-Internucleotide Linkage
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<400> 693

nnnnnnnnnn nnnnnnnnnn n

21

The <223> line describing n's from locations 1-19 exceeds the Sequence Rules' required 72-character line limit. Please adjust the line. Same error in subsequent sequences.

Application No: 10607933 Version No: 2.0

Input Set:

Output Set:

Started: 2008-03-06 14:26:48.205
Finished: 2008-03-06 14:26:54.758
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 553 ms
Total Warnings: 708
Total Errors: 37
No. of SeqIDs Defined: 709
Actual SeqID Count: 709

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-03-06 14:26:48.205
Finished: 2008-03-06 14:26:54.758
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 553 ms
Total Warnings: 708
Total Errors: 37
No. of SeqIDs Defined: 709
Actual SeqID Count: 709

Error code	Error Description	
	This error has occurred more than 20 times, will not be displayed	
E 342	'n' position not defined	found at POS: 2 SEQID(691)
E 342	'n' position not defined	found at POS: 3 SEQID(691)
E 342	'n' position not defined	found at POS: 4 SEQID(691)
E 342	'n' position not defined	found at POS: 5 SEQID(691)
E 342	'n' position not defined	found at POS: 6 SEQID(691)
E 342	'n' position not defined	found at POS: 7 SEQID(691)
E 342	'n' position not defined	found at POS: 8 SEQID(691)
E 342	'n' position not defined	found at POS: 9 SEQID(691)
E 342	'n' position not defined	found at POS: 10 SEQID(691)
E 342	'n' position not defined	found at POS: 11 SEQID(691)
E 342	'n' position not defined	found at POS: 12 SEQID(691)
E 342	'n' position not defined	found at POS: 13 SEQID(691)
E 342	'n' position not defined	found at POS: 14 SEQID(691)
E 342	'n' position not defined	found at POS: 15 SEQID(691)
E 342	'n' position not defined	found at POS: 16 SEQID(691)
E 342	'n' position not defined	found at POS: 17 SEQID(691)
E 342	'n' position not defined	found at POS: 18 SEQID(691)
E 342	'n' position not defined	found at POS: 19 SEQID(691)
E 342	'n' position not defined	found at POS: 1 SEQID(692)
E 342	'n' position not defined	found at POS: 2 SEQID(692)
	This error has occurred more than 20 times, will not be displayed	

SEQUENCE LISTING

<110> Sirna Therapeutics, Inc.
McSwiggen, James
Beigelman, Leonid

<120> RNA Interference Mediated Inhibition of Alzheimer's Disease Using
Short Interfering Nucleic Acid (siNA)

<130> 400/120 (MBHB02-728-B)

<140> 10607933
<141> 2003-06-27

<150> PCT/US 03/04710
<151> 2003-02-18

<150> US 10/205,309
<151> 2002-07-25

<150> US 60/358,580
<151> 2002-02-20

<150> US 60/363,124
<151> 2002-03-11

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<151> 2002-09-05

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<151> 2002-09-09

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<151> 2003-01-15

<160> 709

<170> PatentIn version 3.2

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<400> 1
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ccuugccccu gccccggcc

19

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<210> 35
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<210> 47
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gaagggugug uaugugccc

19

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<210> 54

<211> 19
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19

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cuccaacugg gaaggcauc

19

<210> 56
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ccuggggcug gccuaugcu

19

<210> 57
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19

<210> 58
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<400> 58

cgacuccccug gagccuuuc

19

<210> 59
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cuuugacucu cugguaaag

19

<210> 60
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gcagacccac guucccaac

19

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ccucuucucc cugcagcuu

19

<210> 62
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<400> 62
uuguggugcu ggcuucccc

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19

<210> 64

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19

<210> 65

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gagcaugauc auuggagggu

19

<210> 66

<211> 19

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic

<400> 66

uaucgaccac ucgcuguac

19

<210> 67

<211> 19

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cacaggcagu cucugguau

19

<210> 68

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<210> 70
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